

[illegible]

Work Order ID 164311

Monday, July 17, 2017 11:20:46 AM

164311

Page 2

Item ID: 649.4701

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/21/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: Fg101
Packaging

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP 649.4701
Location: _____1DAS
28
9-89

AUG 16 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.10

Quality Control

21
DAS
9-89

AUG 16 2017


AUG 16 2017

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Page 1

164311

649 4701

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

9

AUG 01 2017

9

DAS

9-89

2

AUG 15 2017

28

89 A

4

**DAS
28
9-89**

Picklist Print

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Page 2

Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

649.5212	Manufactured	No	110	Each	4.0000	1	1	DAS 6 9-89	AUG 0 1 2017
649 5212						**			
Bracket									
DAS 28 9-89									
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			cck125	4					
			109704	4					
649.4811	Manufactured	No	110	Each	5.0000	1	1	DAS 6 9-89	AUG 0 1 2017
649 4811						**			
Clip									
DAS 28 9-89									
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			CCK121	5					
			92928	5					
649.5012	Manufactured	No	110	Each	12.0000	2	2	DAS 6 9-89	AUG 0 1 2017
649 5012						**			
Deflector									
DAS 28 9-89									
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			CCK124	12					
			108969	12					
649.5013	Manufactured	No	110	Each	14.0000	2	2	DAS 6 9-89	AUG 0 1 2017
649 5013						**			
Deflector									
DAS 28 9-89									
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			CCK063	14					
			109385	14					
649.5011	Manufactured	No	110	Each	7.0000	1	1	DAS 6 9-89	AUG 0 1 2017
649 5011						**			
Deflector									
DAS 28 9-89									
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
			CCK124	7					
			109551	7					

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

649.5210
649 5210
Doubler

110 Each 21.0000 2 2
**

DAS 6
9-89
AUG 01 2017

Location	Loc Qty	Loc Code
cck125	21	
126246	9	
149616	6	
149864	6	

2

649.4814
649 4814
Doubler

110 Each 8.0000 2 2
**

DAS 6
9-89
AUG 01 2017

Location	Loc Qty	Loc Code
CCK121	8	
131033	6	
92931	2	

2

649.4816
649 4816
Doubler

110 Each 2.0000 3 3
**

DAS 6
9-89
AUG 01 2017

Location	Loc Qty	Loc Code
CCK063	2	
150313	2	

2

601.3493
601 3493
Quick Release Pin

110 Each 25.0000 2 2
**

DAS 6
9-89
AUG 01 2017

Location	Loc Qty	Loc Code
cck101	25	
m127615	25	

2

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

649.5211
649 5211
Shim

Manufactured No

110 Each 18.0000 1 1

**

DAS
6
9-89
AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

cck125

18

108557

18

649.4813
649 4813
Shim

Manufactured No

110 Each 10.0000 4 4

**

DAS
6
9-89
AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK121

10

92930

10

649.5213
649 5213
Doubler

Manufactured No

110 Each 9.0000 2 2

**

DAS
6
9-89
AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

cck125

9

108558

3

131093

6

649.4812
649 4812
Shim

Manufactured No

110 Each 6.0000 3 3

**

DAS
6
9-89
AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK062

6

131150

1

157411

5

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

649.4815 Manufactured No

110 Each 13.0000 3 3

649 4815

Shim

**

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK062

13

92932

3

m127615

10

646.9910 Manufactured No

110 Each 21.0000 4 4

646 9910

Struts

**

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK014

21

146573

1

150149

4

151904

8

155353

8

647.9014 Manufactured No

110 Each 116.0000 8 8

647 9014

Strut Bracket

**

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

cck117

66

93290

66

cck122A

50

93290

50

649.5110 Manufactured No

110 Each 22.0000 2 2

649 5110

Wiper Deflector

**

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

cck125

22

108877

22

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

649.5111 Manufactured No

110 Each

9.0000

1 1

649 5111

LH Wiper Deflector

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK064

9

108618

6

126882

3

649.5112 Manufactured No

110 Each

11.0000

1 1

649 5112

RH Wiper Deflector

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK064

11

108918

11

AN3C12A Purchased No

110 Each

83.0000

8 8

AN3C12A

Bolt

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

28

M128727

7

M133990

21

ST349

55

M137507

55

AN4C5A Purchased No

110 Each

45.0000

4 4

AN4C5A

Bolt

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

38

m133990

38

ST345

7

m137164

7

M138040 4

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

AN4C7A Purchased No

110 Each 73.0000 2 2

AN4C7A
BOLT

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST345

73

m137361

73

110 Each 4,341.000 2 2

NAS1097AD-4-3 Purchased No

NAS1097AD-4-3
Cherry Rivet

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST267

4341

123648

4268

m127615

73

110 Each 0.0000 16 16

CR3213-5-03 Purchased No

CR3213-5-03
Cherry Rivet

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

CR3213-4-05 Purchased No

CR3213-4-05
RIVET

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

CR3213-5-05 Purchased No

CR3213-5-05
Cherry Rivet

**

DAS
6
9-89
AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK003

200

m137988

200

ST319

53

123648

53

110 Each 253.0000 20 20

Picklist Print

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

91420A230

Purchased

No

110

Each

100.0000

13

13

91420A230

Screw

**

DAS
6
9-89
AUG 01 2017

Location

Loc Qty

Loc Code

ST588

100

13

m137827

100

CR3214-5-02

Purchased

No

110

Each

75.0000

2

2

CR3214-5-02

Cherry Rivet

**

DAS
6
9-89
AUG 01 2017

Location

Loc Qty

Loc Code

ST318

75

2

123648

75

NAS1832-3-7

Purchased

No

110

Each

246.0000

8

8

NAS1832-3-7

Insert

**

DAS
6
9-89
AUG 01 2017

Location

Loc Qty

Loc Code

ST548

246

34

123694

4

m127432

50

m127615

192

NAS1832-4-7

Purchased

No

110

Each

46.0000

2

2

NAS1832-4-7

Insert

**

DAS
6
9-89
AUG 01 2017

Location

Loc Qty

Loc Code

ST548

46

2

123758

38

m135895

8

NAS1834C-300

NAS1834C3-300

Purchased

No

110

Each

0.0000

2

2

NAS1834C-300

Insert

**

DAS
6
9-89
AUG 01 2017

m124826

2

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L08

Purchased

No

110

Each

810.0000

9

9

MS21042L08

Nut

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

100

m135274

6

m135978

94

ST303

710

m137391

150

m137464

10

m137736

250

m137851

100

m137951

200

9

AUG 01 2017

MS21042L3

Purchased

No

110

Each

1,235.000

25

25

MS21042L3

Nut

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

79

m135945

79

GA

376

m134360

102

M136665

274

OVER007

500

m137988

500

ST303

280

m137886

280

25

AUG 01 2017

Picklist Print

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Page 10

Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

2,308.000

1

1

MS21042L4

Nut

**

DAS

6

9-89

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

11

m135058

11

OVER007

1000

m137988

1000

ST303

1287

m137402

271

m137544

16

m137680

1000

MS21059-3

Purchased

No

110

Each

441.0000

6

6

MS21059-3

Nut Plate

**

DAS

6

9-89

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST301

441

123023

30

123900

411

MS20426AD3-5

Purchased

No

110

Each

2,958.000

12

12

MS20426AD3-5

Rivet

**

DAS

6

9-89

AUG 01 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

2224

4533

2224

ST312

734

4533

734

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Page 11

Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS20470AD4-3 Purchased

No

110

Each

1,585.000

23

23

MS20470AD4-3

Rivet, Universal Head

**

DAS
6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

GA

840

2193

87

m135536

753

ST310

745

m135536

745

DAS
28
9-89

23

MS20470AD5-9

Purchased

No

110

Each

330.0000

4

4

MS20470AD5-9

Rivet

**

DAS
6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

ST309

330

m123900

6

m125807

46

m127615

278

DAS
28
9-89

4

MS20470AD5-11

Purchased

No

110

Each

1,038.000

8

8

MS20470AD5-11

Rivet

**

DAS
6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

CCK004

189

m127615

189

ST309

849

107100

849

DAS
28
9-89

8

MS24694-C57

Purchased

No

110

Each

50.0000

2

2

MS24694-C57

Screw

**

DAS
6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

ST285

50

123648

50

DAS
28
9-89

2

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS24694-S58

Purchased

No

110

Each

70.0000

1

1

MS24694-S58
SCREW

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

ST283

70

m131317

70

MS27039-1-18

Purchased

No

110

Each

1,543.000

4

4

MS27039-1-18
Screw

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

GA

221

123522

39

124326

182

over006

1200

124326

1200

ST280

122

124326

122

MS27039-1-14

Purchased

No

110

Each

606.0000

4

4

MS27039-1-14
Screw

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

GA

90

120449

90

over006

300

124326

300

ST280

216

124326

216

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-24

Purchased

No

110

Each

141.0000

3

3

**

DAS
6
9-89

MS27039-08-24

Screw (MS27039-0824)

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

115

124326

115

ST277

26

124326

26

110

Each

514.0000

13

13

**

DAS
6
9-89

AUG 0 1 2017

MS27039-1-13

Purchased

No

MS27039-1-13

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

2

124326

2

over006

300

124326

300

ST280

212

125654

212

110

Each

383.0000

6

6

**

DAS
6
9-89

AUG 0 1 2017

MS27039-08-19

Purchased

No

MS27039-08-19

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

30

m135948

26

m137178

4

ST277

353

m137464

153

m137851

100

m137951

100

AUG 0 1 2017

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Picklist Print

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Page 14

Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-25

Purchased

No

110

Each

118.0000

2

2

MS27039-1-25

Screw

**

DAS
6

9-89

AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

over006

100

m127432

100

ST279

18

102602

18

MS27039-1-08

Purchased

No

110

Each

283.0000

4

4

MS27039-1-08

Screw

**

DAS
6

9-89

AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

73

m136047

3

m137361

70

GA

22

m128636

22

ST182

188

m137820

188

MS27039-1-10

Purchased

No

110

Each

164.0000

6

6

MS27039-1-10

SCREW

**

DAS
6

9-89

AUG 0 1 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

15

m129541

15

ST280

149

m137164

6

m137597

30

m137736

113

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

AN970-3 Purchased No
AN970-3
 Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

ST321 148
m136953 48
 m137680 100

110 Each 148.0000 2 2

**

DAS
6
9-89

AUG 0 1 2017

NAS1149F0332P Purchased No
NAS1149F0332P
 Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA 275
 m133709 275
 ST262 1435
m137710 1435

110 Each 1,710.000 53 53

**

DAS
6
9-89

AUG 0 1 2017

NAS1149FN832P Purchased No
NAS1149FN832P
 Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA 358
 M135058 208
 M136182 40
 M136866 110
 ST260a 1500
 M137820 1500
 ST263 656
M137412 656

110 Each 2,514.000 23 23

**

DAS
6
9-89

AUG 0 1 2017

Picklist Print

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Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Purchased

No

110

Each

1,027.000

8

8

NAS1149F0432P

WASHER

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

ST260a

1000

M137412

1000

ST262

27

M137361

27

NAS620C-10L

Purchased

No

110

Each

229.0000

8

8

***NAS620C-10L ***

Washer

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

st552

229

123648

4

m127432

225

601.2045

Purchased

No

110

Each

18.0000

1

1

601 2045

RTV (LOCTITE 598) McMaster p/n: 6641A41

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

CCK096

10

m137538

10

GA

8

m134260

8

600.1012

Purchased

No

110

Each

15.0000

1

1

600 1012

Sealant PR1425B2 (#654 sem)

**

DAS
6
9-89

AUG 0 1 2017

Location

Loc Qty

Loc Code

cck017

15

m137371

1

m137699

14

DAS
28
9-89

exp. 01/18

~~M137538~~

Monday, July 17, 2017 11:20:59 AM

Shop Packet Print

Page 16

Picklist Print

Monday, July 17, 2017 11:20:59 AM

Page 17

Work Order ID: 164311

164311

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017

Required Date: 8/21/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0363P

Purchased

No

110

Each

220.0000

16

16

NAS1149F0363P

WASHER

**

6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

ST262

220

124555

20

m137544

200

649.4817

Manufactured

No

110

Each

8.0000

4

4

649 4817

Shim

**

DAS
6
9-89

AUG 01 2017

Location

Loc Qty

Loc Code

CCK121

8

155255

2

157350

6

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NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY
F/N 12: 1
F/N 15: 2
F/N 17: 1
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED

REVISIONS				REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
C	INCORPORATED ECH 03732, 03885, 04486, 05503	07-26-16	P. BRAVO	A	LAST PROTOTYPE REVISION: P2		
D	INCORPORATED ECH 05731	04-24-17	P. BRAVO	X	INITIAL RELEASE	01-26-12	P. BRAVO
				A	INCORPORATED ECH 03444, 03489	04-17-12	P. BRAVO
				F	INCORPORATED ECH 03327	05-26-12	P. BRAVO

DETAIL A

2/B7

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
WITHOUT NOTICE
WORK ORDER
NO. 164311
JUL 17 2017

DETAIL B

3/B7

DETAIL D

5/B6

DETAIL C

4/B7

4	67	649.4817	SHIM		
16	66	601.3151	WASHER	NAS1149F0363P	
	65		DELETED		
	64		DELETED		
1	63	600.1012	SEALANT	PR-1425 CLASS B	
1	62	601.2045	RTV	LOCTITE 598	
8	61	601.2381	WASHER	NAS620C-10L	
8	60	601.2638	WASHER	NAS1149F0432P	
18	59	601.2764	WASHER	NAS1149F0432P	
53	58	601.1607	WASHER	NAS1149F0332P	
2	57	601.3470	WASHER	AN970-3	
6	56	601.1365	SCREW	MS27039-1-10	
4	55	601.1621	SCREW	MS27039-1-08	
2	54	601.3289	SCREW	MS27039-1-25	
6	53	601.2765	SCREW	MS27039-0819	
13	52	601.3190	SCREW	MS27039-1-13	
3	51	601.3124	SCREW	MS27039-0824	
4	50	601.1622	SCREW	MS27039-1-14	
4	49	601.2910	SCREW	MS27039-1-18	
1	48	601.3252	SCREW	MS2469558	
	47		DELETED		
4701	FIND #	PART #	DESCRIPTION	MATL	SPEC.

2	46	601.3146	SCREW	MS24694C57	
8	45	601.1125	RIVET	MS20470AD5-11	
4	44	601.2542	RIVET	MS20470AD5-9	
	43		DELETED		
23	42	601.1773	RIVET	MS20470AD4-3	
12	41	601.1616	RIVET	MS20426AD3-5	
6	40	601.1900	NUTPLATE	MS21059-3	
1	39	601.3209	LOCKNUT	MS21042L4	
25	38	601.1624	LOCKNUT	MS21042L3	
9	37	601.1541	LOCKNUT	MS21042L08	
2	36	601.3008	INSERT	NAS1834C-300	
2	35	601.3468	INSERT	NAS1832-4-7	
8	34	601.3459	INSERT	NAS1832-3-7	
2	33	601.3474	CHERRY RIVET	CR3214-5-02	
13	32	601.4061	SCREW	91420A230	DR965
20	31	601.3472	CHERRY RIVET	CR3213-5-05	
29	30	601.1183	CHERRY RIVET	CR3213-4-05	
	29		DELETED		
16	28	601.2020	CHERRY RIVET	CR3213-5-03	
2	27	601.3473	CHERRY RIVET	NAS1097AD-4-3	
2	26	601.2669	BOLT	ANAC7A	
4	25	601.3555	BOLT	ANAC5A	
8	24	601.0788	BOLT	AN3C12A	
1	23	649.5112	WIPER DEFLECTOR		
1	22	649.5111	WIPER DEFLECTOR		
2	21	649.5110	WIPER DEFLECTOR		
8	20	647.9014	STRUT BRACKET		
4	19	646.9910	STRUT		
3	18	649.4815	SHIM		
3	17	649.4812	SHIM		
2	16	649.5213	DOUBLER		
4	15	649.4813	SHIM		
1	14	649.5211	SHIM		
2	13	601.3493	QUICK RELEASE PIN		
3	12	649.4816	DOUBLER		
2	11	649.4814	DOUBLER		
2	10	649.5210	DOUBLER		
1	9	649.5011	DEFLECTOR		
2	8	649.5013	DEFLECTOR		
2	7	649.5012	DEFLECTOR		
1	6	649.4811	CLIP		
1	5	649.5212	BRACKET		
1	4	649.5214	BRACKET		
1	3	649.5014	DEFLECTOR		
1	2	649.4901	UPPER CUTTER ASSY		
1	1	649.4902	LOWER CUTTER ASSY		
		649.4701	A119 CABLE CUTTERS KIT		
4701	FIND #	PART #	DESCRIPTION	MATL	SPEC.

QTY
NEXT ASSY (S)

ORIGINAL DATE
06-17-2012
DRAWN BY
L. COCHRAN
CHECKED
P. BRAVO
DATE
06-17-2012
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE
2 PLACE DECIMALS ± 0.02
3 PLACE DECIMALS ± 0.005
ANGLES ± 3°

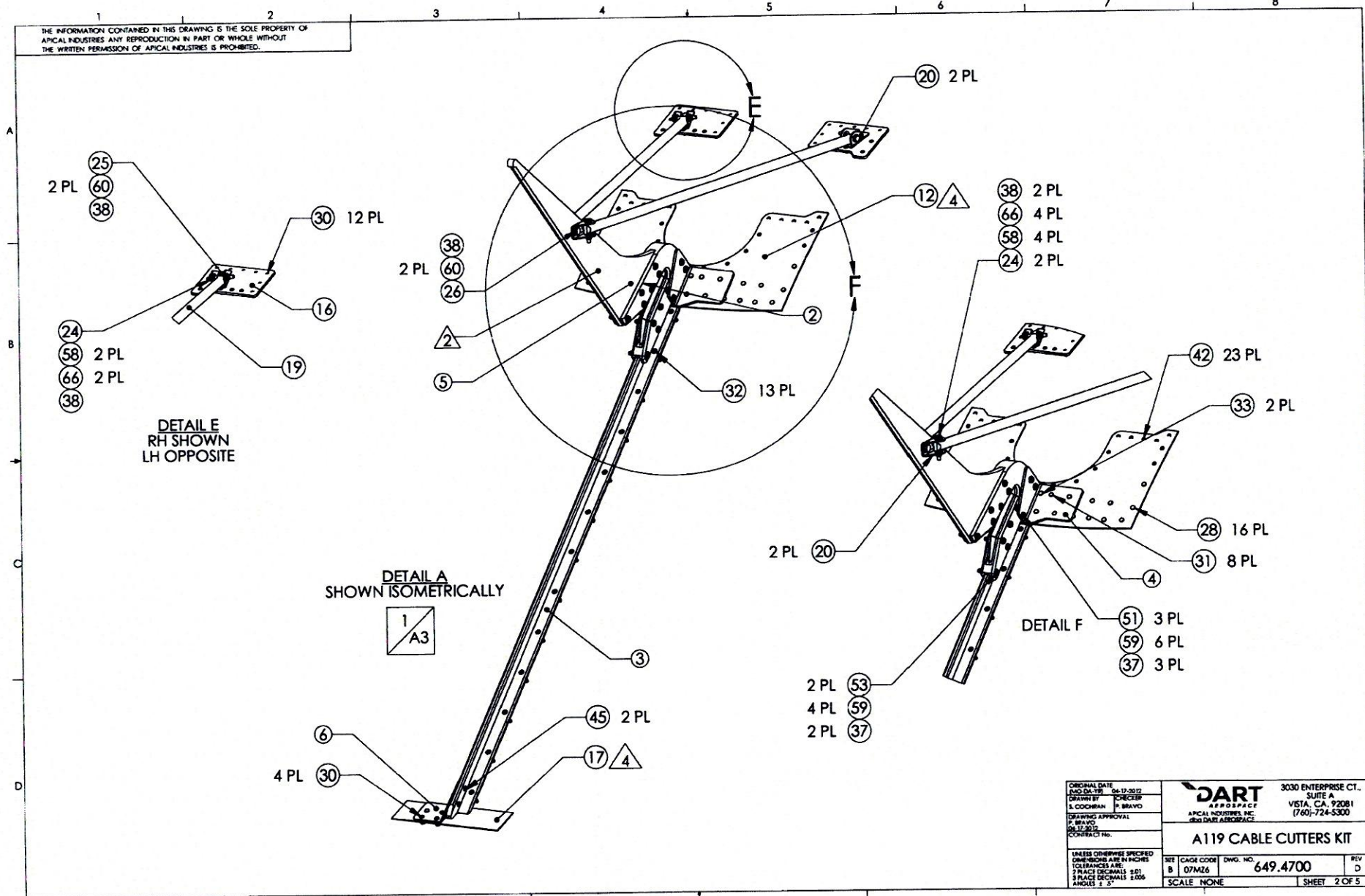
DART
APPROPRIATE
APICAL INDUSTRIES INC.
ORLANDO, FLORIDA

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760) 724-5300

A119 CABLE CUTTERS KIT

SIZE (CAGE CODE) DWG. NO. 649.4700
B 07M26
SCALE NONE SHEET 1 OF 5

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APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

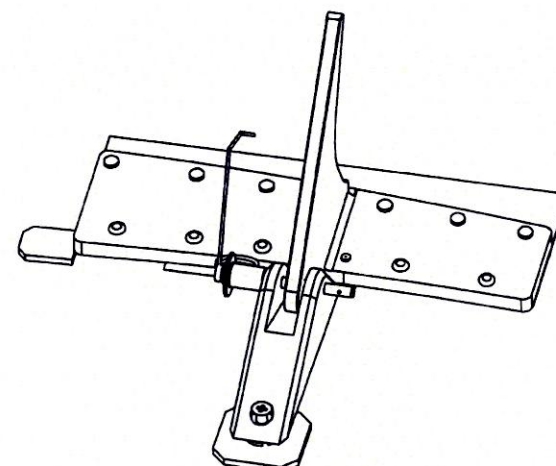
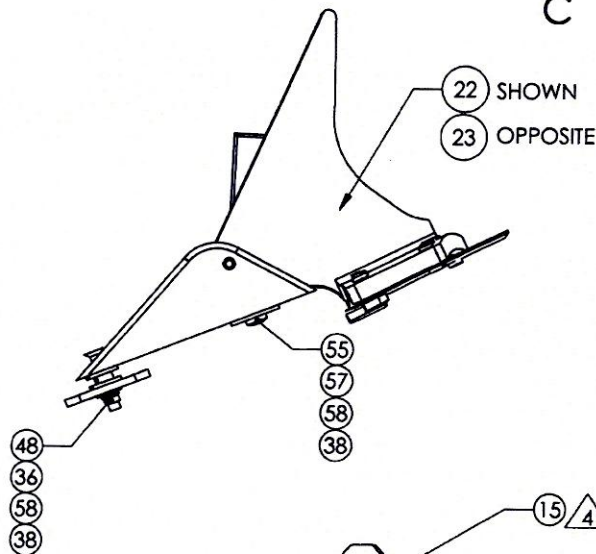


ORIGINAL DATE (MO/DA/YR) 06/12/2012		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY: J. COCHRAN		APICAL INDUSTRIES, INC. 280 DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 06/12/2012		A119 CABLE CUTTERS KIT	
CONTRACT NO.		REV D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEET 2 OF 5	
CAGE CODE 07M26		DWG. NO. 649.4700	
SCALE NONE			

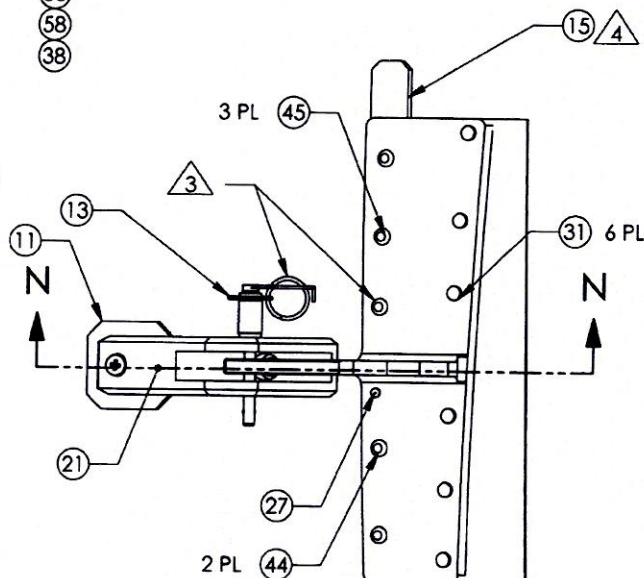
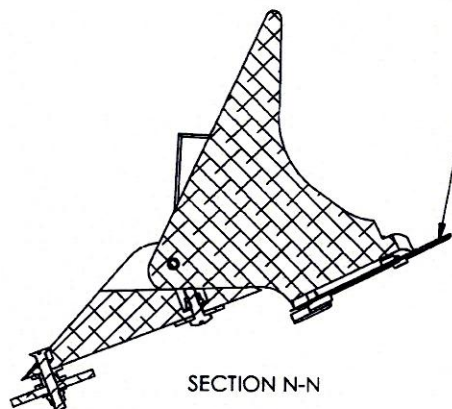
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

1 2 3 4 5 6 7 8

C C

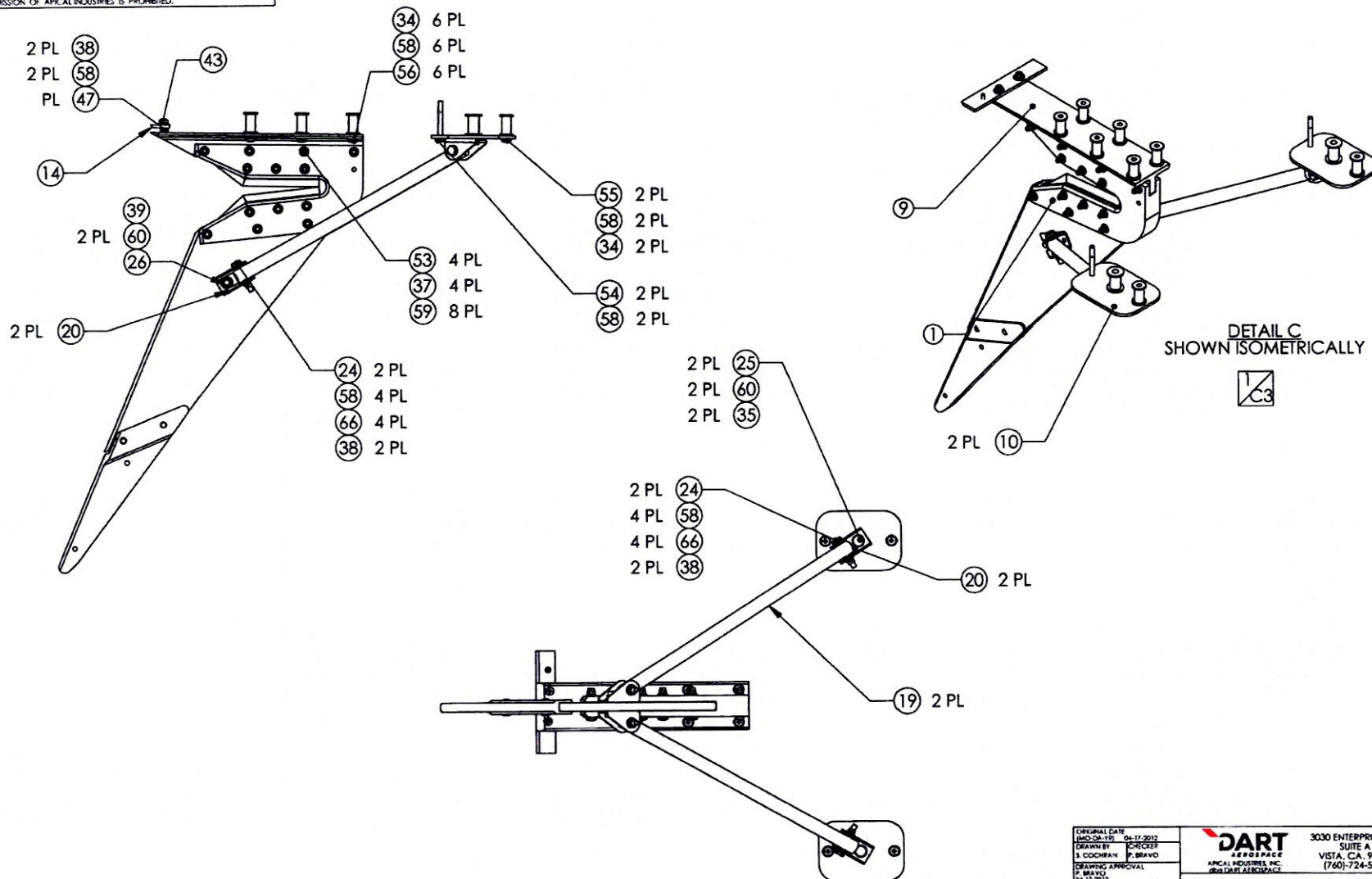


DETAIL B
SHOWN ISOMETRICALLY
RH SHOWN
LH OPPOSITE



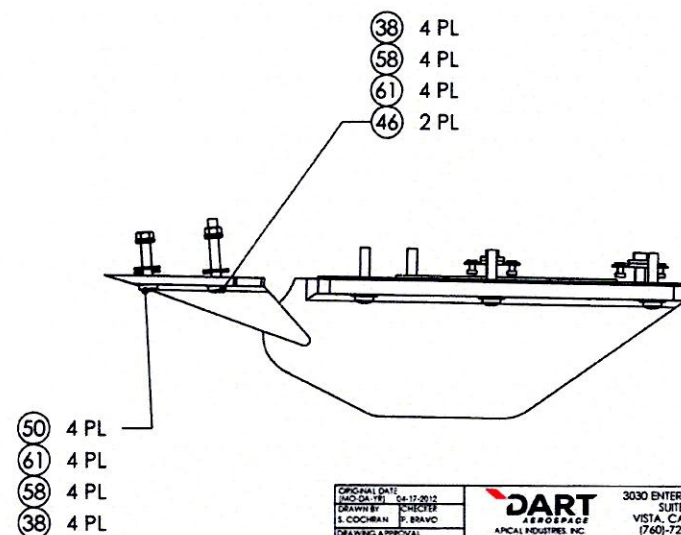
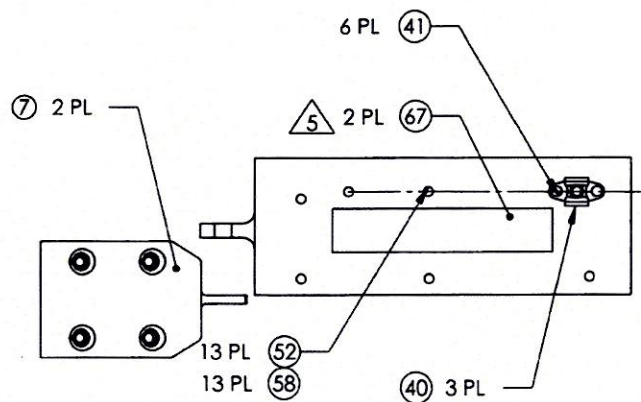
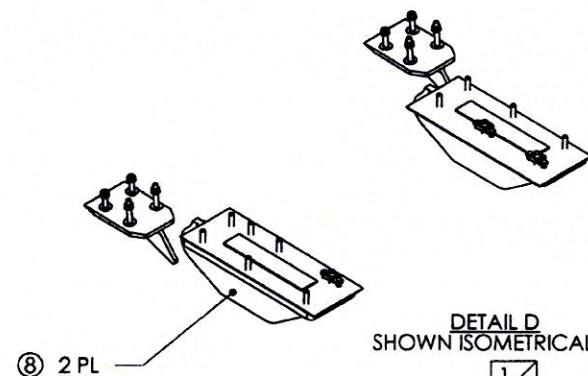
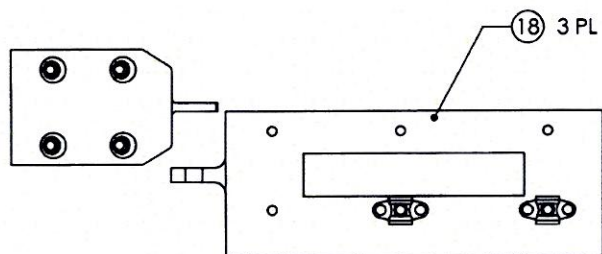
ORIGINAL DATE (DD-MM-YY) 06-11-2012		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	DESIGNED BY P. BRAVO	DART AEROSPACE APICAL INDUSTRIES, INC. AERONAUTICAL SPECIALTIES	
DRAWING APPROVAL P. BRAVO	DATE 06-12-2012		
CONTRACT NO.		A119 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 ANGLES ±.3°		REV B	REV D
SCALE NONE		DWG. NO. 649.4700	SHEET 3 OF 5

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ORIGINAL DATE (MM-DD-YY) 04-17-2012		3030 ENTERPRISE CT., SUITE A	
DRAWN BY L. COCHRAN		VISTA, CA 92081	
DRAWING APPROVAL P. MAVOLO		(760)-724-5300	
CONTRACT NO.		A119 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEET B	REV. D
CAGE CODE 07M26		DWG. NO. 649.4700	
SCALE NONE		SHEET 4 OF 5	

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ORIGINAL DATE 04-12-2012 DRAWN BY S. COCHRAN CHECKED BY P. BRAYD DRAWING APPROVAL P. BRAYD CONTRACT NO.	DART APICAL INDUSTRIES, INC. 2800 DART ALBOURNE	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	SIZE B CAGE CODE 07M26 DWG. NO. 649.4700 SCALE NONE	REV. D SHEET 5 OF 5

Work Order ID 164311

Monday, July 17, 2017 11:20:46 AM

164311

Page 1

Item ID: 649.4701

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop ***NS2***

Item Name: AW119 Cable Cutter System

Start Date: 8/14/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/21/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date: JUL 17 2017 Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

649.4700

C

JUL 24 2017

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control - USB or Paperwork

Photocopy bluefile & type labels per PPP 649.4701

DAS
5
9-89

JUL 24 2017

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.03

Quality Control

REFERENCE ONLY

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NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY
F/N 12: 1
F/N 15: 2
F/N 17: 1
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED



REVIEWS				REVIEWS			
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
C	INCORPORATED ECH 20732, 03883, 04686, 05303	07-28-16	P. BRAYO		LAST PROTOTYPE REVISION #22		
D	INCORPORATED ECH 03731	04-04-17	P. BRAYO	1	INITIAL RELEASE	01-20-12	P. BRAYO
				2	INCORPORATED ECH 03444, 04609	04-17-12	P. BRAYO
				3	INCORPORATED ECH 03627	05-28-12	P. BRAYO

[illegible]

	4	67	649.4817	SHIM			
	16	66	601.3151	WASHER	NAS1149F0363P		
		65		DELETED			
		64		DELETED			
	1	63	600.1012	SEALANT	PR-142S CLAS B		
	1	62	601.2045	RTV	LOCITE 598		
	8	61	601.2381	WASHER	NAS420C-10L		
	8	60	601.2638	WASHER	NAS1149F0485P		
	18	59	601.2764	WASHER	NAS1149F0483P		
	53	58	601.1607	WASHER	NAS1149F0033P		
	2	57	601.3470	WASHER	AN770-3		
	6	56	601.1365	SCREW	M527039-110		
	4	55	601.1621	SCREW	M527039-1-08		
	2	54	601.3289	SCREW	M527039-1-25		
	6	53	601.2765	SCREW	M527039-0819		
	13	52	601.3190	SCREW	M527039-1-13		
	3	51	601.3124	SCREW	M527039-0824		
	4	50	601.1622	SCREW	M527039-1-14		
	4	49	601.2910	SCREW	M527039-1-18		
	1	48	601.3252	SCREW	M52469556		
		47		DELETED			
(470)	FIND #	PART #	DESCRIPTION	MATL	SPEC		



QTY	UNIT	PART #	DESCRIPTION	MATL	SPEC.
NEXT ASSY (S)		ORIGINAL DATA PMD ON 1/19 04-17-2012 DRAWN BY: J. COCHRAN J. COCHRAN P. BRAVO DRAWING APPROVAL P. BRAVO 01-10-2012 POWER OF TWO.	DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-774-5300 FACIAL INDUSTRIES INC BURLINGAME AEROSPACE		
A119 CABLE CUTTERS KIT					
SMALLEST OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1. UNLESS OTHERWISE SPECIFIED 2. PLACE DECIMALS 1/32 3. PLACE DECIMALS 1/16 4. PLACE DECIMALS 1/8 ANGLES 2 1/2					
REV	DATE	BY	NO.	REV	
0	07/26		649.4700	C	
SCALE NONE			SHEET 1 OF 5		